



Reliable

Reliable content measurement in the sludge storage tank

Cost effective

Non-contact measurement ensures maintenance-free operation

User friendly

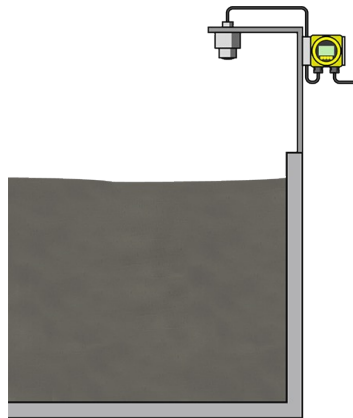
Simple installation and setup

Sludge storage tank

Level measurement in the sludge storage tank

The digested sewage sludge is pumped into a sludge storage tank. This tank serves as an intermediate storage facility before the sludge is fed to the centrifuge or pressed for mechanical dewatering. To ensure optimal feeding, the sludge volume is monitored by a level measuring instrument.

[More details](#)



VEGAPULS C 21

Continuous level measurement with radar for monitoring the sludge quantity

- Maintenance-free operation through non-contact 80 GHz radar technology
- Precise measuring results independent of steam, buildup and condensate
- Highly corrosion resistant design ensures a long service life
- Secure wireless operation via Bluetooth with smartphone, tablet or PC

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VEGADIS 82

External measured value display in field housing

- Easy-to-read display with plain text and graphics
- Robust housing designed for the harsh conditions in the field

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Measuring range - Distance
15 m

Process temperature
-40 ... 80 °C

Process pressure
-1 ... 3 bar

Accuracy
± 2 mm

Frequency
80 GHz

Beam angle
8°

Materials, wetted parts
PVDF

Threaded connection
G1½ / G1, 1½ NPT / 1 NPT, R1½ / R1

Seal material
FKM

Protection rating
IP66/IP68 (3 bar), Type 6P

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Housing material
Plastic
Aluminium
Stainless steel (precision casting)

Protection rating
IP66/IP67

Ambient temperature
-20 ... 70 °C

Signal input (specify)
4 ... 20 mA/HART